

Thunderester Air Terminal- an integral of premium protection

Thunderester Air Terminal belongs to the advanced form of protection from Lightning Strikes. It is an electronic based lightning protection system that ensures achievement to protect structures, equipment resides in it, and cables lay between two structures and are exposed to the atmosphere. The installation is completely responsible for supreme protection of entire structure and the personnel and property in the event of direct lightning strikes. On behalf of designing plea, different levels of protection are allotted in accordance with required radius of protection.



Technology and Construction

Thunderester Air Terminal, the [advanced Lightning Protection System](#) working principle depends on piezoelectric technology, which enables the generation of free charges i.e. ionizes protons and neutrons in the atmosphere surrounding the air terminal so as to capture the lightning strikes and prominently arrest and discharge it into the ground. The action is subjected accordingly the formation of junction point between the upward and downward leader within a cloud – ground electric field. During the phenomenon, a channel of high relative conductivity is forged to look on to the most reliable potential for transmission of massive amount of current.

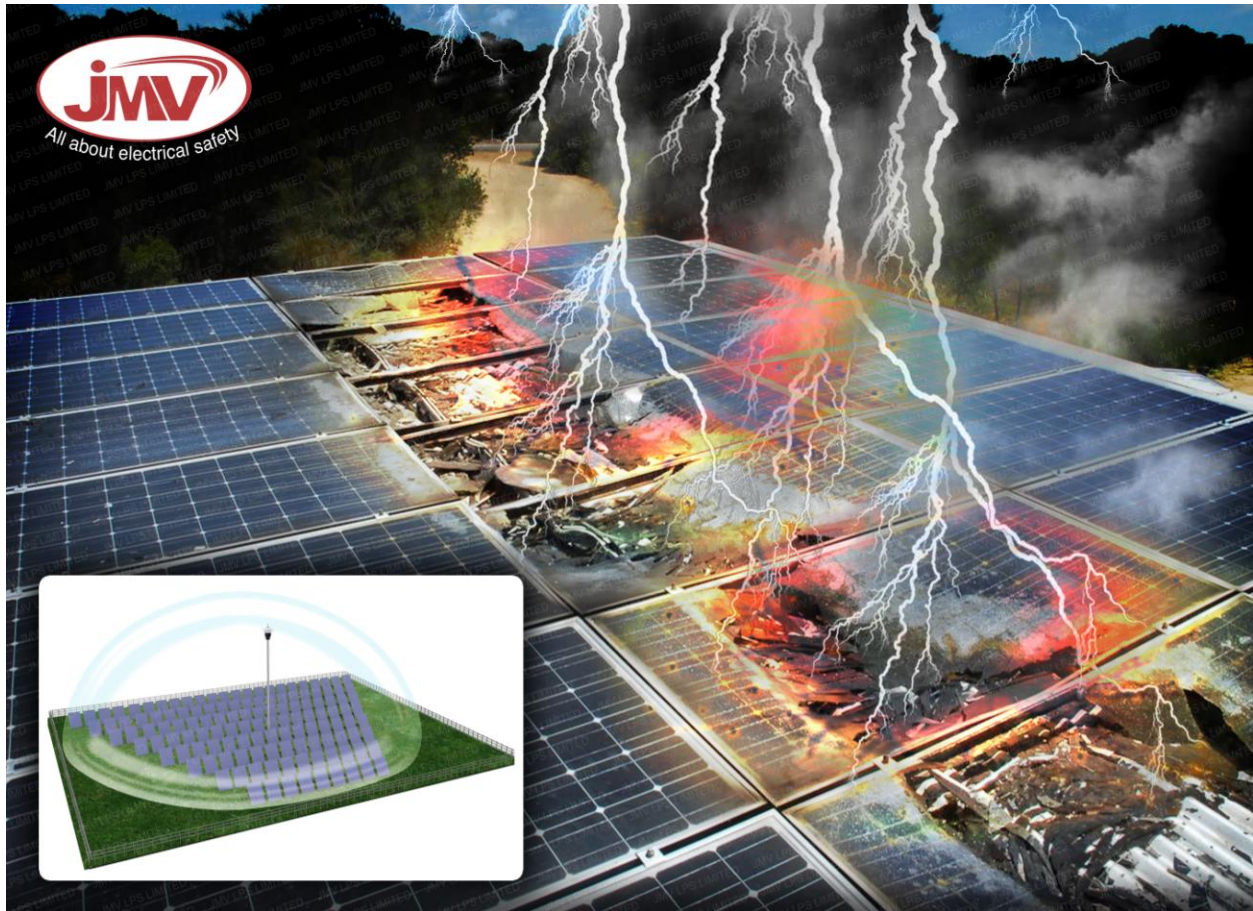


**Free-standing versatile
Air Terminal Rods-**
an easy remedy against lightning strikes!

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JMV LPS LIMITED
Leading the Nation towards Electrical Safety

The construction of Thunderester Lightning Arrester is made up of stainless steel SS-316L. Undoubtedly, it occupies its uniqueness relating high tensile strength and marks its excellence for formability and durability with a perfect leisure of good thermal conductivity. The setup is equipped in free atmosphere, but resists corrosion and has remarkably better life span.



INTRODUCING
ESE Lightning Protection System to protect
your solar investment from the fallout of
lightning strikes



Application Area

Thunderster not only convinces structures but also the open areas against direct lightning flashes. If we talk about hospitals, big structures, industrial arena or apartments, the Lightning Protection flourish its requirement everywhere. As per IEC 62305 & NFC 17-102, Thunderester provide overall economic solution. It is one of the [major element of Lightning Protection System](#) along with down Conductors and an effective earthing system followed by test link and Lightning Strike Counter to have record against every lightning that can result in disaster in just a finger swap.

